Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Study Guide: Biodiversity Quiz**

***Directions:*** *Answer each of the questions given below in COMPLETE SENTENCES.*

1. List the three types of protists and provide an example of each.
2. How do amoebas, paramecia, and euglena move?
3. Identify the male and female parts of a flower.
4. How do plants obtain nutrients?
5. Explain how lichens represent a mutualistic relationship. Which two organisms are involved in this symbiosis?
6. Explain the difference between gymnosperms and angiosperms (Hint: look at your plant page).
7. Which two kingdoms contain prokaryotic cells?
8. Describe the structure of a virus.
9. What is the lytic cycle?
10. What are the three different bacterial shapes?
11. What is the advantage to an animal possessing a coelom (a fully-lined body cavity)?
12. What is the advantage to an animal being cephalized (having sense organs toward the front of the body)?
13. **No answer required!** – Make sure you can complete a matching section with the characteristics / names of the nine animal phyla and five vertebrate classes.